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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: MIYAKE, AKIRA, et al.					
				CONT. Filing Date: October 1, 2001	Group: 1647		
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes/No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<p>88</p> <p>Noam Meiri, et al., "Reversible antisense inhibition of Shaker-like Kv1.1 potassium channel expression impairs associative memory in mouse and rat" (Proc. Natl. Acad. Sci. USA, Vol. 94, pp. 4430-4434, April 1997 Cell Biology)</p> <p>Nicoletta Galeottoi, et al., "An antisense Oligonucleotide on the Mouse Shaker-like Potassium Channel Kv1.1 Gene Prevents Antinociception Induced by Morphine and Baclofen" (The Journal of Pharmacology and Experimental Therapeutics, Vol 281, No. 2, pp. 941-949, 1997)</p> <p>Jennifer L. Masengill, et al., "Differential Expression of K<sub>4-AP</sub> Currents and Kv3.1 Potassium Channel Transcripts in Cortical Neurons that Develop Distinct Firing Phenotypes" (The Journal of Neuroscience, May 1, 1997, 17(9), pp. 3136-3147)</p> <p>Shan Ping Yu, et al., "Mediation of Neuronal Apoptosis by Enhancement of Outward Potassium Current" (Science, Vol. 278, pp. 114-117, October 3, 1997)</p> <p>Irwin B. Levitan and Leonard K. Kaczmarek "The Neuron" (Cell and Molecular Biology, pp. 395-423, Oxford University Press 1991)</p> <p>Kenji Sakimura, et al., "Reduced hippocampal LTP and spatial learning in mice lacking NMDA receptor ε1 subunit" (Nature, Vol. 373, pp. 151-155, January 12, 1995)</p> <p>Joe Z. Tsien, et al., "The Essential Role of Hippocampal CA1 NMDA Receptor-Dependent Synaptic Plasticity in Spatial Memory" (Cell, Vol. 87, pp. 1327-1338, December 27, 1996)</p> <p>Bertil Hille, "Ionic Channels of Excitable Membranes, Bertil Hille/Second Edition" (Sinauer Associates, pp. 115-133, 1992)</p> <p>Simon P. Aiken, et al., "Reduction of Spike Frequency Adaptation and Blockade of M-current in Rat CA1 Pyramidal Neurons by Linopirdine (DuP 996), a Neurotransmitter Release Enhancer" (British Journal of Pharmacology, pp. 1163-1168, 1995)</p> <p>Leonard Cook, et al., "Cognition Enhancement by the Acetylcholine Releaser DuP 996" (Drug Development Research, Vol 19, pp. 301-314, 1990)</p> <p>Jorge D. Brioni, et al., "Linopirdine (DuP996) Facilitates the Retention of Avoidance Training and Improves Performance of Septal-Lesioned Rats in the Water Maze" (Pharmacology Biochemistry and Behavior, Vol. 44, pp. 37-43. 1993)</p> <p>Hong-Sheng Wang, et al., "KCNQ2 and KCNQ3 Potassium Channel Subunits: Molecular Correlates of the M-Channel" (Science, Vol. 282, pp. 1890-1893, December 4, 1998)</p> <p>Edward C. Cooper, et al., "Colocalization and coassembly of two human brain M-type potassium channel subunits that are mutated in epilepsy" (PNAS Vol. 97 No. 9, pp. 4914-4919, April 25, 2000)</p> <p>Antonio Castellano, et al., "Identification and functional characterization of a K<sup>+</sup> channel α-subunit with regulatory properties specific to brain," The Journal of Neuroscience, Vol. 17, No. 12, 1997, pages 4652 to 4661</p> <p>Jost Ludwig, et al., "Functional expression of a rat homologue of the voltage", The EMBO Journal, Vol. 13, No. 19, 1994, pages 4451 to 4458.</p> <p>Bina Santoro, et al., "Interactive cloning with the SH3 domain of N-src identifies a new brain specific ion channel protein with homology to Eag and cyclic nucleotide-gated channels", Proceedings of the National Academy of Sciences of the United States of America, vol. 23, No. 94 (26), (1997), pages 4451 to 4480</p> <p>Warmke et al., A family of potassium channel genes related to eag in Drosophila and mammals, 1994, PNAS Vol 91, 3438-3442.</p> <p>Sambrook et al., Molecular Cloning-A Laboratory Manual, 2<sup>nd</sup> Edition, 1989, 16.20, 16.30-16.40.</p> <p>Miyake, A, et al. New Ether-a-go-go K Channel Family Members Localized in Human Telecephalon (1999), J. Biol. Chem. (274), pp. 25018-25025.</p>							
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